

SEQUENCE LISTING

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 Schneider, Pascal
 Thompson, Jeffrey
 Biogen, Inc.
 Apotech R&D S.A.

<120> Baff Receptor (BCMA), An
 Immunoregulatory Agent

<130> A080PCT

<140> PCT/US00/22507

<141> 2000-08-16

<150> 60/149,378

<151> 1999-08-17

<150> 60/181,684

<151> 2000-02-11

<150> 60/183,536

<151> 2000-02-18

<160> 8

<170> FastSEQ for Windows Version 4.0

<210> 1

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<212> PRT

<213> homo sapien

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Leu	Leu	His	Ala	Cys	Ile	Pro	Cys	Gln	Leu	Arg	Cys	Ser	Ser	Asn	Thr
			20					25					30		
Pro	Pro	Leu	Thr	Cys	Gln	Arg	Tyr	Cys	Asn	Ala	Ser	Val	Thr	Asn	Ser
		35					40					45			
Val	Lys	Gly	Thr	Asn	Ala	Ile	Leu	Trp	Thr	Cys	Leu	Gly	Leu	Ser	Leu
	50					55					60				
Ile	Ile	Ser	Leu	Ala	Val	Phe	Val	Leu	Met	Phe	Leu	Leu	Arg	Lys	Ile
65				70				75						80	
Ser	Ser	Glu	Pro	Leu	Lys	Asp	Glu	Phe	Lys	Asn	Thr	Gly	Ser	Gly	Leu
			85					90						95	

A080pct.txt

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Leu Gly Met Ala Asn Ile Asp Leu Glu Lys Ser Arg Thr Gly Asp Glu
      100      105      110
Ile Ile Leu Pro Arg Gly Leu Glu Tyr Thr Val Glu Glu Cys Thr Cys
      115      120      125
Glu Asp Cys Ile Lys Ser Lys Pro Lys Val Asp Ser Asp His Cys Phe
      130      135      140
Pro Leu Pro Ala Met Glu Glu Gly Ala Thr Ile Leu Val Thr Thr Lys
145      150      155      160
Thr Asn Asp Tyr Cys Lys Ser Leu Pro Ala Ala Leu Ser Ala Thr Glu
      165      170      175
Ile Glu Lys Ser Ile Ser Ala Arg
      180

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<210> 2
<211> 552
<212> DNA
<213> homo sapien

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<400> 2
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tgcatacctt gtcaacttcg atgttcttct aatactcctc ctctaacatg tcagggttatt
120
gtaatgcaag tgtgaccaat tcagtgaag gaacgaatgc gattctcttg acctgttttg
180
gactgagctt aataatttct ttggcagttt tcgtgcta atgttttgcta aggaagataa
240
gctctgaacc attaaaggac gagtttaaaa acacaggatc aggtctcctg ggcattggcta
300
acattgacct ggaaaagagc aggactgggtg atgaaattat tctccgagag gcctcgagta
360
cacggtggaa gaatgcacct gtgaagactg catcaagagc aaaccgaagg tcgactctga
420
ccattgcttt ccactcccag ctatggagga aggcgcaacc attctgtcac cacgaaaacg
480
aatgactatt gcaagagcct gccagctgct ttgagtgcta cggagataga gaaatcaatt
540
tctgctaggt aa
552

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<210> 3
<211> 207
<212> PRT
<213> homo sapien

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<400> 3
Met Asp Thr Leu Leu Leu Trp Val Leu Leu Leu Trp Val Pro Gly Ser
1      5      10      15
Thr Gly Met Leu Gln Met Ala Gly Gln Cys Ser Gln Asn Glu Tyr Phe
      20      25      30
Asp Ser Leu Asp Val Thr Met Leu Gln Met Ala Gly Gln Cys Ser Gln

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A080pct.txt

35	40	45
Asn Glu Tyr Phe Asp Ser Leu	Leu His Ala Cys Ile Pro	Cys Gln Leu
50	55	60
Arg Cys Ser Ser Asn Thr Pro	Pro Leu Thr Cys Leu His	Ala Cys Ile
65	70	75
Pro Cys Gln Leu Arg Cys Ser	Ser Asn Thr Pro Pro	Leu Thr Cys Gln
85	90	95
Arg Tyr Cys Asn Ala Ser Val	Thr Asn Ser Val Lys Gly	Gln Arg Tyr
100	105	110
Cys Asn Ala Ser Val Thr Asn	Ser Val Lys Gly Val Asp	Lys Thr His
115	120	125
Thr Cys Pro Pro Cys Pro Ala	Pro Glu Leu Leu Gly Gly	Pro Ser Val
130	135	140
Phe Leu Phe Pro Pro Lys Pro	Lys Asp Thr Leu Met Ile	Ser Arg Thr
145	150	155
Pro Glu Val Thr Cys Val Val	Val Asp Val Ser His Glu	Asp Pro Glu
165	170	175
Val Lys Phe Asn Trp Tyr Val	Asp Gly Val Glu Val His	Asn Ala Lys
180	185	190
Thr Lys Pro Arg Glu Glu Gln	Tyr Asn Ser Tyr Val Val	Ser Val
195	200	205

<210> 4

<211> 540

<212> DNA

<213> homo sapien

<400> 4

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120

ttgcatgctt gcataccttg tcaacttcga tgttcttcta atactcctcc tctaacaatgt
180

cagcggttatt gtaatgcaag tgtgaccaat tcagtgaag gagtcgacaa aactcacaca
240

tgcccaccgt gccagcacc tgaactcctg gggggaccgt cagtcttcct cttcccccca
300

aaacccaagg acaccctcat gatctcccgg acccctgagg tcacatgcgt ggtggtggac
360

gtgagccacg aagaccctga ggtcaagttc aactggtacg tggacggcgt ggaggtgcat
420

aatgccaaga caaagccgcg ggaggagcag tacaacagca cgtaccgtgt ggtcagcgtc
480

ctcacggtcc tgcaccagga ctggctgaat ggcaaggagt acaagtgcaa ggtctccaac
540

<210> 5

<211> 140

<212> PRT

<213> homo sapien

A080pct.txt

<400> 5

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Leu Thr Val Leu His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys
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Lys Val Ser Asn Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser
          20           25           30
Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro
          35           40           45
Ser Arg Asp Glu Leu Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val
          50           55           60
Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly
65           70           75           80
Gln Pro Glu Asn Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp
          85           90           95
Gly Ser Phe Phe Lys Lys Leu Thr Val Asp Lys Ser Arg Trp Gln Gln
          100          105          110
Gly Asn Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His
          115          120          125
Tyr Thr Gln Lys Ser Leu Ser Leu Ser Pro Gly Lys
          130          135          140

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<210> 6

<211> 369

<212> DNA

<213> homo sapien

<400> 6

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120
acctgcctgg tcaaaggctt ctatcccagc gacatcgccg tggagtggga gagcaatggg
180
cagccggaga acaactacaa gaccacgcct cccgtgttgg actccgacgg ctctttcttc
240
ctctacagca agctcaccgt ggacaagagc aggtggcagc aggggaacgt ctttctcatgc
300
tccgtgatgc atgaggctct gcacaaccac tacacgcaga agagcctctc cctgtctccc
360
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369

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<210> 7

<211> 184

<212> PRT

<213> homo sapien

<400> 7

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Met Leu Gln Met Ala Gly Gln Cys Ser Gln Asn Glu Tyr Phe Asp Ser
 1           5           10           15
Leu Leu His Ala Cys Ile Pro Cys Gln Leu Arg Cys Ser Ser Asn Thr

```

A080pct.txt

			20					25				30							
Pro	Pro	Leu	Thr	Cys	Gln	Arg	Tyr	Cys	Asn	Ala	Ser	Val	Thr	Asn	Ser				
		35					40					45							
Val	Lys	Gly	Thr	Asn	Ala	Ile	Leu	Trp	Thr	Cys	Leu	Gly	Leu	Ser	Leu				
	50					55					60								
Ile	Ile	Ser	Leu	Ala	Val	Phe	Val	Leu	Met	Phe	Leu	Leu	Arg	Lys	Ile				
65					70					75					80				
Ser	Ser	Glu	Pro	Leu	Lys	Asp	Glu	Phe	Lys	Asn	Thr	Gly	Ser	Gly	Leu				
			85						90					95					
Leu	Gly	Met	Ala	Asn	Ile	Asp	Leu	Glu	Lys	Ser	Arg	Thr	Gly	Asp	Glu				
			100					105					110						
Ile	Ile	Leu	Pro	Arg	Gly	Leu	Glu	Tyr	Thr	Val	Glu	Glu	Cys	Thr	Cys				
		115					120					125							
Glu	Asp	Cys	Ile	Lys	Ser	Lys	Pro	Lys	Val	Asp	Ser	Asp	His	Cys	Phe				
	130					135				140									
Pro	Leu	Pro	Ala	Met	Glu	Glu	Gly	Ala	Thr	Ile	Leu	Val	Thr	Thr	Lys				
145					150					155					160				
Thr	Asn	Asp	Tyr	Cys	Lys	Ser	Leu	Pro	Ala	Ala	Leu	Ser	Ala	Thr	Glu				
			165						170					175					
Ile	Glu	Lys	Ser	Ile	Ser	Ala	Arg												
			180																

<210> 8

<211> 995

<212> DNA

<213> Homo Sapien

<400> 8

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120

agctgctctt gctgcatttg ctctggaatt cttgtagaga tattacttgt ccttccaggc
180

tggttctttct gtagctccct tggtttcttt ttgtgatcat gttgcagatg gctgggcagt
240

gtcctcaaaa tgaatatttt gacagtttgt tgcattgcttg cataccttgt caacttcgat
300

gttcttctaa tactcctcct ctaacatgtc agcgttattg taatgcaagt gtgaccaatt
360

cagtgaagg aacgaatgag attctctgga cctgtttggg actgagctta ataatttctt
420

tggcagtttt cgtgctaatt tttttgctaa ggaagataag ctctgaacca ttaaaggacg
480

agtttaaaaa cacaggatca ggtctcctgg gcatggctaa cattgacctg gaaaagagca
540

ggactggatg tgaaattatt cttccgagag gcctcgagta cacgggtggaa gaatgcacct
600

gtgaagactg catcaagagc aaaccgaagg tcgactctga ccattgcttt ccaactcccag
660

ctatggagga aggcgcaacc attcttgtca ccacgaaaac gaatgactat tgcaagagcc

A080pct.txt

720

tgccagctgc tttgagtgct acggagatag agaaatcaat ttctgctagg taattaacca

780

tttcgactcg agcagtgcca ctttaaaaat cttttgtcag aatagatgat gtgtcagatc

840

tctttaggat gactgtatct ttcagttgcc gatacagctt tttgtcctct aactgtggaa

900

actctttatg ttagatatat ttctctaggt tactgttggg agcttaatgg tagaaacttc

960

cttggtttca tgattaaagt cttttttttt cctga

995